

SOIL CLASS: 510 HOOSIC

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL ROOT 20" ASH ELEV 97.31

#2 SET NAIL 14" OAK ELEV 99.46

#3 SET HUB ELEV 98.34

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 95.4
2. THERE IS/ARE APPROX 24" FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. MATCH ELEVATION OF EXIS CHAMBERS. (EL 97.4)

SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

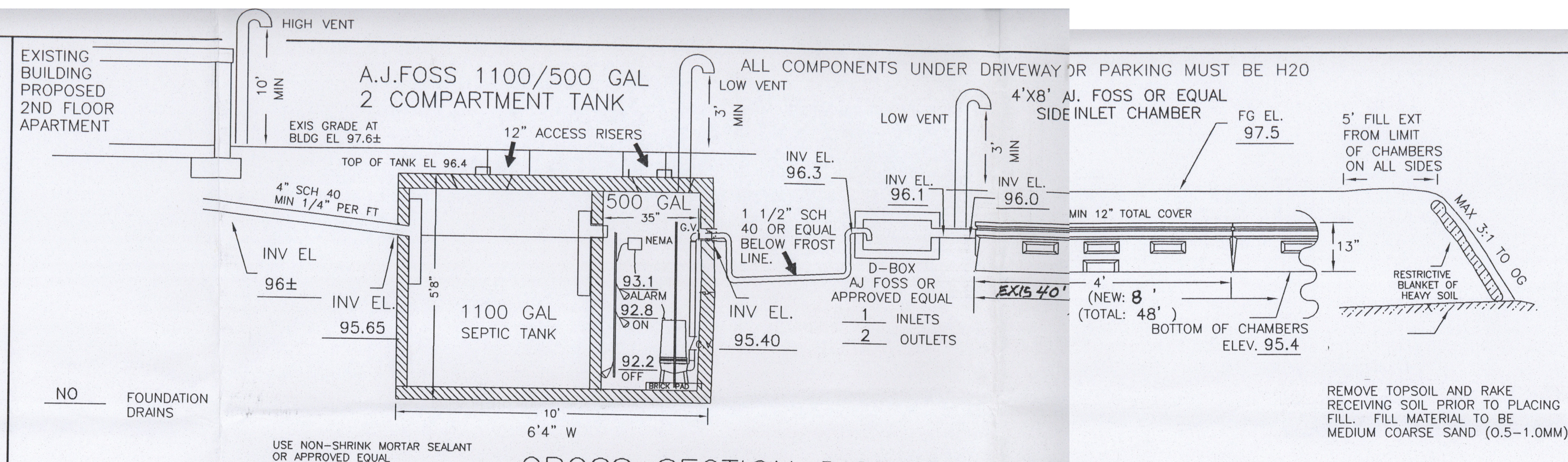
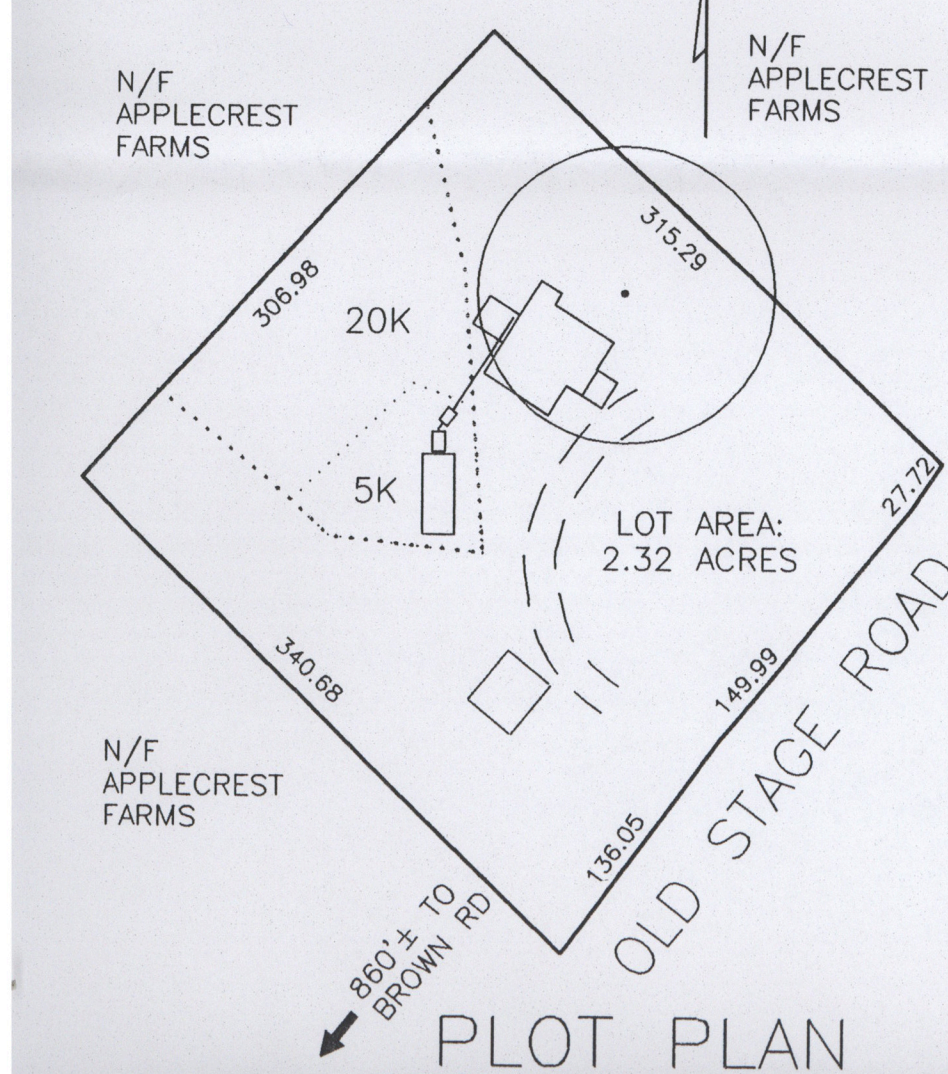
LEGEND:

- 30.0 EXISTING CONTOUR
- 50.0 PROPOSED CONTOUR
- 50.0 EXISTING SPOT ELEVATION
- 50.0 PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD PLAN C31990

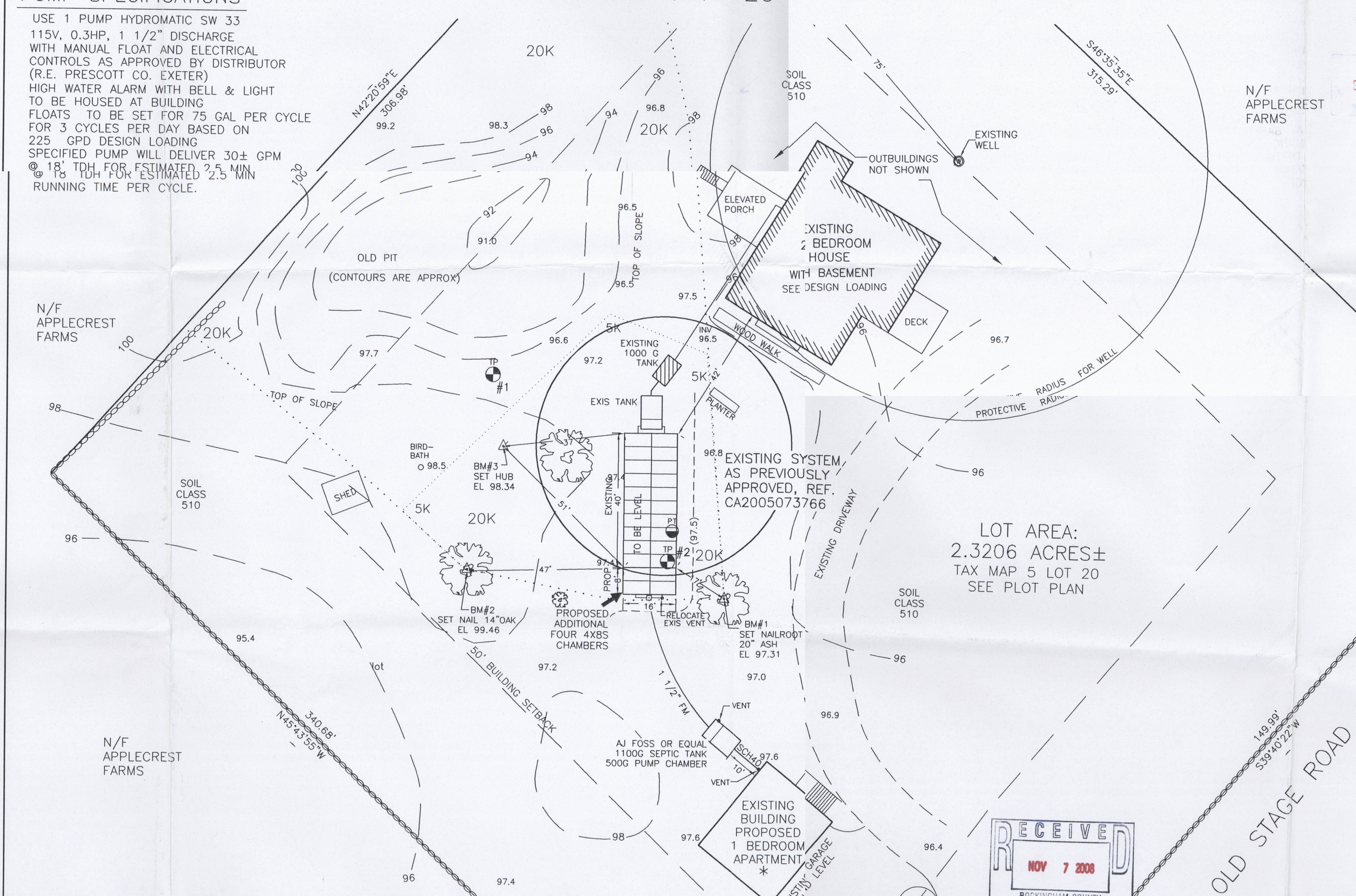
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD PRE 1967 PREVIOUS CONSTRUCTION APPROVAL CA2005073766 PREVIOUS CONSTRUCTION APPROVAL # 86177
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE. SOME MEDICATIONS CAN BE DETRIMENTAL TO PROPER SEPTIC SYSTEM FUNCTION. DESIGNER/INSTALLER CANNOT BE RESPONSIBLE FOR SYSTEM PROBLEMS DUE TO CONTENT OF WASTE STREAM.
4. NO SURFACE WATER OR WELL WITHIN 100' OF PROPOSED SYSTEM.



PUMP SPECIFICATIONS

USE 1 PUMP HYDROMATIC SW 33
115V, 0.3HP, 1 1/2" DISCHARGE
WITH MANUAL FLOAT AND ELECTRICAL CONTROLS AS APPROVED BY DISTRIBUTOR (R.E. PRESCOTT CO. EXETER)
HIGH WATER ALARM WITH BELL & LIGHT TO BE HOUSED AT BUILDING
FLOATS TO BE SET FOR 75 GAL PER CYCLE FOR 3 CYCLES PER DAY BASED ON 225 GPD DESIGN LOADING
SPECIFIED PUMP WILL DELIVER 30± GPM @ 18' TDH FOR ESTIMATED 2.5 MIN RUNNING TIME PER CYCLE.

PLAN : 1"=20'



N/F APPLECREST FARMS

TEST PIT DATA

DATE: JUNE 8, 2005

TOWN INSPECTOR: RICHARD BOND

TEST PIT #1 ELEV 96.5

0 - 4" 10YR3/4 LOAM AND ROOT MAT
4 - 36" 10YR4/4 FINE SANDY LOAM, GRANULAR FRIABLE
36 - 38" ORIGINAL TOPSOIL
38 - 84" 2.5Y4/4 GRAVELLY FINE SANDY LOAM, SOME SILT
GRANULAR FRIABLE TO 5', FIRMER BELOW

ESHW @ 60"±, NO OBSERVED WATER, NO REFUSAL
ROOTS TO 5'+

TEST PIT #2 ELEV 97.2

0 - 8" 10YR3/4 LOAM AND ROOT MAT
8 - 26" 10YR4/4 GRAVELLY COARSE SAND
LOOSE, SINGLE GRAIN
26 - 84" 2.5Y4/4 GRAVELLY FINE SANDY LOAM
FIRM IN PLACE, FRIABLE REMOVED

ESHW @ 72"± (NO EVIDENCE), NO OBSERVED WATER, NO REFUSAL
ROOTS TO 28'+

PERC TEST DATA

DATE: 6/27/05

PERC RATE: 10 MIN/IN DEPTH: 22"

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PREVIOUSLY APPROVED 3 BEDROOM DESIGN LOADING TO BE REPLACED AS FOLLOWS: EXISTING 2 BEDROOM HOUSE PLUS 1 BEDROOM APARTMENT (225 GPD) = 300+225 = 525 GPD REVISED DESIGN LOADING

185 X 525/100 = 971 X 1.25 (TOWN)=1214 SF
1214 SF X 0.6 CHAMBERS = 728 SF REQUIRED

4X8 CHAMBERS, 20 EXISTING + 4 PROPOSED = 16' X 48' = 768 SF CHAMBER AREA PROVIDED

PROPOSED REVISED SEPTIC SYSTEM PLAN

PREVIOUS APPROVAL # CA2005073766

LOCUS: 12 OLD STAGE ROAD

HAMPTON FALLS, NH

OWNER: PHILIP TOWLE

12 OLD STAGE ROAD

HAMPTON FALLS, NH 03844

APPLICANT:

STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
603 929-7404

DATE: NOVEMBER 3, 2008

APPROVAL:

CA 2008 09 5525

REVIEWED AND APPROVED WITH THE REQUIREMENTS OF THE NH DEPT. OF ENVIRONMENTAL SERVICES

WATER DIVISION

11/12/08

RECEIVED
NOV 05 2008
By Subsurface

APPROVED
Town of Hampton Falls
Septic System Examiner
11/13/08

NEW HAMPSHIRE
Design of
Subsurface Disposal
Systems
Ann W. Blazewski
No. 348
Supply & Pollution Control